

Supplemental

APR 29 2002

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

Complete if Known

Application Number ~~09/610,538~~ 09/989,674Filing Date ~~July 7, 2000~~ NOV. 21, 2001

First Named Inventor Gordon L. Woods

Group Art Unit 4614 1617

Examiner Name Jiang

Sheet

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of

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Attorney Docket Number 2404-101 105

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>2</sup>
		Office	Number	Kind Code (if known)			
SA	BA	WO	96/06836	A2	Medico Pharma Vertriebs	03/07/1996	
SA	BB	WO	88/03805	A1	Chemex Pharmaceuticals Inc.	06/02/1988	

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
SA	BC	Waalkes, Michael P. et al., "Further evidence of the tumor-suppressive effects of cadmium in the B6C3F mouse liver and lung: Late state vulnerability of tumors to cadmium and the role of metallothionein," <i>J. Pharmacol. Exp. Ther.</i> (1993), 266(3), 1656-63	
	BD	Lee, Kang Bo et al., "Effect of cadmium on human ovarian cancer cells with acquired cisplatin resistance," <i>Cancer Lett.</i> (Shannon, Ireland) (1995), 88(1), 57-66	
	BE	Waalkes, Michael P., "Anticarcinogenic effects of cadmium in review," <i>Met. Ions Biol. Med., Proc. Int. Symp. 3rd</i> (1994), 137-42, Editors: Collery, Philippe, Publisher: Libbey, Montrouge, France	
SA	BF	Waalkes, Michael P., "Down-regulation of metallothionein expression in human and murine hepatocellular tumors: association with the tumor-necrotizing and antineoplastic effects of cadmium in mice," <i>J. Pharmacol. Exp. Ther.</i> (1996), 277(2), 1026-1033	

Examiner  
Signature

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Date  
Considered

5/14/02

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number	09/989,674
Filing Date	November 21, 2001
First Named Inventor	Gordon L. Woods
Group Art Unit	1617
Examiner Name	Shaojia A. Jiang

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Sheet	1	of	2	Attorney Docket Number	2404-105
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SAJ	BG	Gachot et al., "Effects of Cadmium and Copper on Zinc Transport Kinetics by Isolated Renal Proximal Cells," <u>Biol. Trace Elem. Res.</u> , 35(2):93-103, 1992.	
	BH	Watanabe et al., "Correlation of Cadmium, Copper, Manganese, and Zinc Levels in the Urine of People in Nonpolluted Areas," <u>J. Toxicol Environ. Health</u> , 33(3):263-72, 1991.	
	BI	Moon J., "The Role of Vitamin D in Toxic Metal Absorption: A Review," <u>J. Am. Coll. Nutr.</u> , 13(6):559-64, 1994.	
	BJ	Nomiyama et al., "Trace Elements in Cardio-Cerebrovascular Diseases," <u>Ann. N. Y. Acad. Sci.</u> , 676:308-26, 1993.	
	BK	Ozdem et al., "The Effects of Short-Term Nifedipine Treatment on Responsiveness of Aortic Rings of Cadmium-Hypertensive Rats," <u>Clin. Exp. Hypertens.</u> , 21(4):423-40, 1999.	
	BL	Pandya et al., "Accumulation and Interrelationship of Cadmium and Zinc in Human Kidney Cortex," <u>Environ. Res.</u> , 36(1):81-8, 1985. ✓	
	BM	Torra et al., "Cadmium and Zinc Relationships in the Liver and Kidney of Humans Exposed to Environmental Cadmium," <u>Sci. Total Environ.</u> , 170(1-2):53-7, 1995.	
	BN	Whelton et al., "Hepatic Levels of Cadmium, Zinc and Copper in Multiparous, Nulliparous and Ovariectomized Mice fed either a Nutrient-Sufficient or -Deficient Diet Containing Cadmium," <u>Toxicology</u> , 119(2):141-53, 1997.	
	BO	Koizumi, "Relationship of Cadmium Accumulation to Zinc or Copper Concentration in Horse Liver and Kidney" <u>Environmental Research</u> 49:104-114, 1989. ✓	
	BQ	Vivoli et al., "Cadmium in Blood, Urine and Hair Related to Human Hypertension," <u>J. Trace Elem. Electrolytes Health Dis.</u> , 3:139-145, 1989. ✓	
	BR	Elinder et al., "Cadmium and Zinc Relationships," <u>Environmental Health Perspectives</u> , 25:129-132, 1978. ✓	
	BS	Foulkes, E. C., "Interactions Between Metals in Rat Jejunum: Implications on the Nature of Cadmium Uptake," <u>Toxicology</u> , 37:117-125, 1985. ✓	
SAJ	BT	Visser et al., "Cadmium Ion is a Non-Competitive Inhibitor of Red Cell Ca <sup>2+</sup> -ATPase Activity," <u>Biochimica et Biophysica Acta</u> , 1152:26-34, 1993. ✓	
Examiner Signature	SAJ	Date Considered	5/14/02

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				Filing Date		<del>July 7, 2000</del> Nov. 21, 2000
				First Named Inventor		Gordon L. WOODS
				Group Art Unit		1614 1617
				Examiner Name		To Be Assigned Jiang
Sheet	1	of	3	Attorney Docket Number		2404-104-105

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

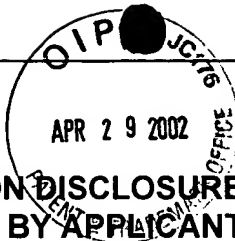
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
599	AA	GERARD, J.P. et al., "Curative external beam radiotherapy for prostate carcinoma: results in 231 patients treated in Lyon," Aust. N. Z. J. Surg., 69(10):707-711 (1999).	
	AB	FORTIER, A.H. et al., "Antiangiogenic activity of prostate-specific antigen," J. Natl. Cancer Inst., 91(19):1635-1640 (1999).	
	AC	TREMBLAY, C. et al., "Induction of prostaglandin G/H synthase-2 in a canine model of spontaneous prostatic adenocarcinoma," J. Natl. Cancer Inst., 91(16):1398-1403 (1999).	
	AD	LIANG, J.Y. et al., "Inhibitory effect of zinc on human prostatic carcinoma cell growth," Prostate, 0(3):200-207 (1999).	
	AE	GARFINKEL, L. and Mushinski, M., "U.S. cancer incidence, mortality and survival: 1973-1996," Stat. Bull. Metrop. Insur. Co., 80(3):23-32 (1999).	
	AF	WILL, J.C. et al., "Is diabetes mellitus associated with prostate cancer incidence and survival," Epidemiology, 10(3):313-318 (1999).	
	AG	ROBERTS, R.O. et al., "Decline in prostate cancer mortality form 1980 to 1997, and an update on incidence trends on Olmsted County, Minnesota," J. Urol., 161(2):529-533 (1999).	
	AH	HEBERT, J.R. et al., "Nutritional and socioeconomic factors in relation to prostate cancer mortality: a cross-national study," J. Natl. Cancer Inst., 90(21):1637-1647 (1998).	
	AI	KAKEHI, Y., "[Epidemiology and clinical features of prostate cancer in Japan]," Nippon Rinsho, 56(8):1969-1973 (1998).	
	AJ	ZAICHICK, V.Y. et al., "Zinc in the human prostate gland: normal, hyperplastic and cancerous," Int. Urol. Nephrol., 29(5):565-574 (1997).	
	AK	BRYIS, M. et al., "Zinc and cadmium analysis in human prostate neoplasms," Biol. Trace Elem. Res., 59(1-3):145-152 (1997).	
	AL	SHIBATA, A. et al., "Serum levels of prostate-specific antigen among Japanese-American and Native Japanese men " J. Natl. Cancer Inst., 89(22):1716-1720 (1997).	
	AM	ANDERSSON, S.O. et al., "Energy, nutrient intake and prostate cancer risk: a population-based case-control study in Sweden," Int. J. Cancer, 68(6):716-722 (1996).	
599	AN	WAALKES, M.P. et al., "Cadmium exposure in rats and tumors of the prostate," IARC Sci. Publ., (118):391-400 (1992).	

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				Examiner Name	To Be Assigned Jiang
Sheet	2	of	3	Attorney Docket Number	2404-101 2404-105

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## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
SAD	AO	PICURELLI, L. et al., "[Determination of Fe, Mg, Cu, and Zn in normal and pathological prostatic tissue], "Actas. Urol. Esp., 15(4):344-350 (1991).	
	AP	WYNDER, E.L. et al., "Comparative epidemiology of cancer between the United States and Japan. A Second look." Cancer, 67(3):746-763 (1991).	
	AQ	TSUGANE, S. et al., "Cancer incidence rates among apanese immigrants in the city of Sao Paulo, Brazil, 1969-1978," Cancer Causes Control, 1(2):189-193 (1990).	
	AR	TSUGANE, S. et al., "Cancer mortality among Japanese residents of the city of Sao Paulo, Brazil," Int. J. Cancer, 45(3):436-439 (1990).	
	AS	ELQHANY, N.A. et al., "Occupation, cadmium exposure, and prostate cancer," Epidemiology, 1(2):107-115 (1990).	
	AT	OGUNLEWE, J.O. and Osegbe, D.N., "Zinc and cadmium concentrations in indigenous blacks with normal, hypertrophic, and malignant prostate," Cancer, 63(7):1388-1392 (1989).	
	AU	KOLONEL, L.N. et al., "Diet and prostatic cancer: a case-control study in Hawaii," Am. J. Epidemiol., 127(5):999-1012 (1988).	
	AV	ELINDER, C.G. et al., "Cancer mortality of cadmium workers," Br. J. Ind. Med., 42(10):651-655 (1985).	
	AW	HOFFMANN, L. et al., "Carcinogenic effects of cadmium on the prostate of the rat," J. Cancer Res. Clin. Oncol., 109(3):193-199 (1985).	
	AX	FEUSTEL, A. and Wennrich, R., "Determination of the distribution of zinc and cadmium in cellular fractions of BPH, normal prostate and prostatic cancers of different histologies by atomic and laser absorption spectrometry in tissue slices," Urol. Res., 12(5):253-256 (1984).	
	AY	FEUSTEL, A. and Wennrich, R., "Zinc and cadmium in cell fractions of prostatic cancer tissues of different histological grading in comparison to BPH and normal prostate," Urol. Res., 12(2):147-150 (1984). ✓	
	AZ	WHELAN, P. et al., "Zinc, vitamin A and prostatic cancer," Br. J. Urol., 55(5):525-528 (1983).	
SAD	AAA	FEUSTEL, A. et al., "Zinc and cadmium concentration in prostatic carcinoma of different histological grading in comparison to normal prostate tissue and adenofibromyomatosis (BPH)," Urol. Res., 10(6):301-303 (1982).	

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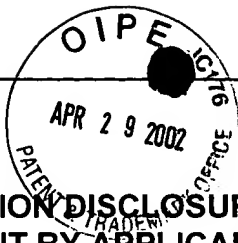
S90	AAB	NIIJIMA, T. and Koiso, K., "Incidence of prostatic cancer in Japan and Asia," Scand. J. Urol. Nephrol. Suppl., 55:17-21 (1980).	
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Attorney Docket Number				2404-101 2404-105	

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		
529		5,994,337		WASHBURN et al.	Nov. 30, 1999

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

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529	AAC	DUNN, J.E., "Cancer epidemiology in populations of the United States--with emphasis on Hawaii and California--and Japan," Cancer Res., 35(11 Pt.2):3240-3245 (1975).	
	AAD	ARMENIAN, H.K. et al., "Epidemiologic characteristics of patients with prostatic neoplasms," Am. J. Epidemiol., 102(1):47-55 (1975).	
529	AAE	WILLDEN, E.G. and Robinson, M.R., "Plasma zinc levels in prostatic disease," Br. J. Urol., 47(3):295-299 (1975).	

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